

VRF Atom B Outdoor Unit

MDV-V42WDHN1(AtB) – Heat Pump

1-phase, 220-240V, 50/60Hz



Submittal Data

Job name: _____

Location: _____

Tag: _____

Date: _____



MDV-V42WDHN1(AtB) Features:

- ♦ All flare connections, install in a flash
- ♦ 1 to 7 indoor units connection
- ♦ Long piping length
- ♦ Centralized control with other VRF system, convenient for unified management
- ♦ Wide operation range: cooling - -5°C to 55°C ; heating - -15°C to 27°C

Specifications:

Model			MDV-V42WDHN1(AtB)
Cooling ¹	Capacity	kBtu/h	41
		kW	12
	Input	kW	3.31
	EER	kW/ kW	3.63
Heating ²	Capacity	kBtu/h	47
		kW	14
	Input	kW	3.64
	COP	kW/ kW	3.85
Connectable indoor unit	Total capacity		45~130% of outdoor unit capacity
	Quantity		1~7
Compressor	Type		DC inverter
	Quantity		1
Fan motor	Type		DC motor
	Quantity		1
Outdoor air flow		m ³ /h	5000
Sound pressure level ³		dB(A)	56
Net/Packed dimensions (W×H×D)		mm	950×840×440
Packed dimensions (W×H×D)		mm	1025×950×510
Net/Gross weight		kg	63/70
Refrigerant type/factory charge		kg	R410A/2.4
Liquid/Gas pipe		mm	Φ9.53/Φ15.9
Minimum Circuit Amps (MCA)		A	35
Recommended Fuse Size (MFA)		A	40

Notes:

1. Indoor temperature 27°CDB, 19°CWB; outdoor temperature 35°CDB; equivalent refrigerant piping length 7.5m with zero level difference.
2. Indoor temperature 20°CDB; outdoor temperature 7°CDB, 6°CWB; equivalent refrigerant piping length 7.5m with zero level difference.
3. Sound pressure level is measured 1m in front of the unit and 1.3m above the floor in a semi-anechoic chamber.

Product specifications change from time to time as product improvements and developments are released and may vary from those in this document.

Dimensional Drawing:

Unit (mm)

